

# Lead Free DC

ANC 4B Lead Free DC Update

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April 28, 2025





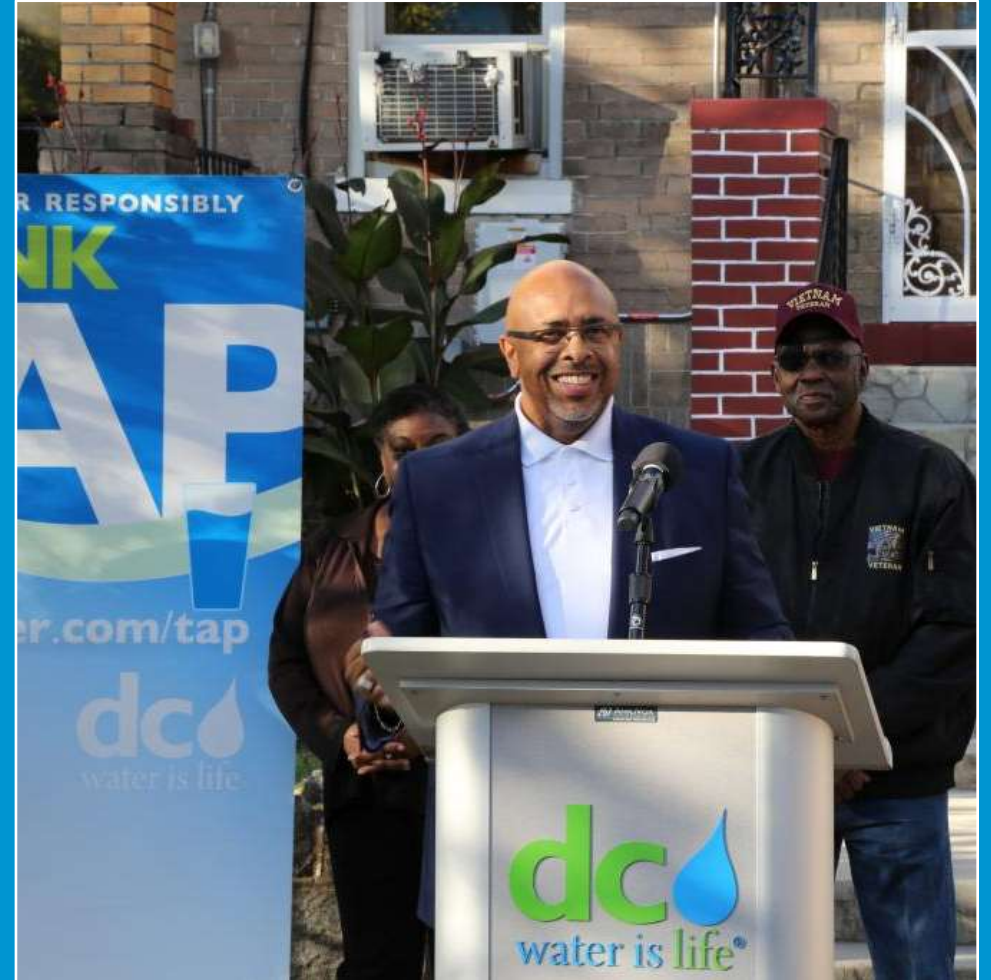
# LFDC Progress Updates

## LFDC Goal:

- Eliminate all lead 42,000 service lines (LSLs) from the District

**Every year, with support from the District, DC Water launches new projects on blocks across the city to:**

- Replace known lead service lines
- Verify the material of service lines associated with historic records or missing information

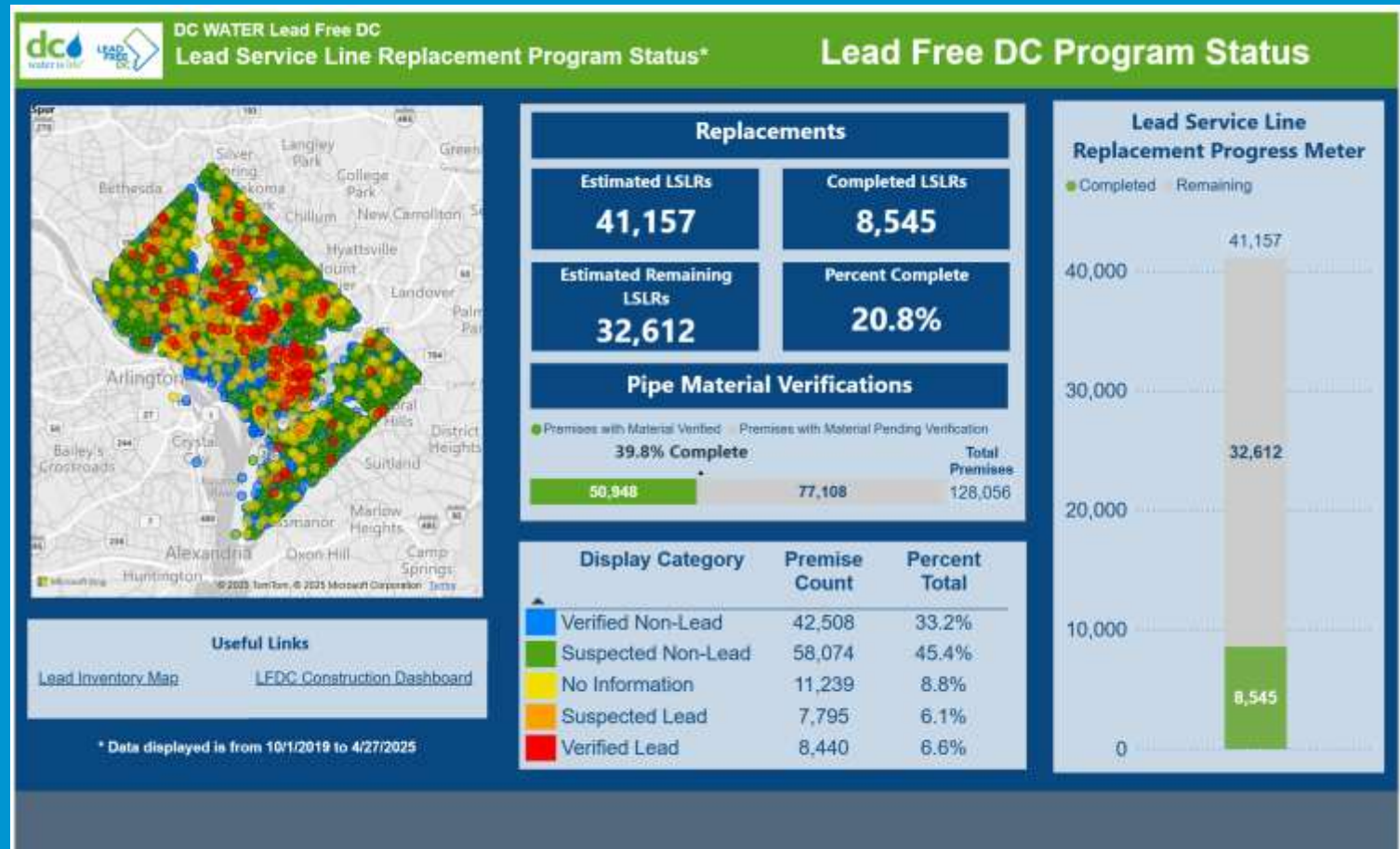




# Program Status Dashboard

Program Status Dashboard demonstrates progress toward 42,000 LSL replacements

- Replacements to date
- Replacements remaining
- Material verification



Dashboard reflects data as of April 28, 2025



# Health Effects of Lead in Drinking Water

- Lead is a powerful neurotoxin, which means exposure to lead can damage the brain
- There is no safe level of lead
- Lead can also injure other soft tissues and organs, can interfere with the formation of blood, and exposure to enough lead can even kill
- Both children and adults are vulnerable to lead's health effects

**Health Impacts of Lead**

**CLEAN WATER ACTION  
CLEAN WATER FUND**

*Exposure to high levels of lead can cause severe damage to the brain, blood and kidneys. Children under six are most at risk from lead poisoning. Even low levels of lead exposure have been found to permanently reduce cognitive ability and cause hyperactivity in children.*

**ADULTS**

- Brain**  
Memory loss, lack of concentration, headaches, irritability, depression.
- Body**  
Fatigue, joint and muscle pain
- Cardiovascular**  
High blood pressure
- Kidneys**  
Abnormal function and damage
- Reproductive System**  
Men: Decreased sex drive and sperm count, and sperm anomalies. Women: Spontaneous miscarriage
- Digestive System**  
Constipation, nausea and poor appetite
- Nervous System**  
Damage including numbness and pain in the extremities

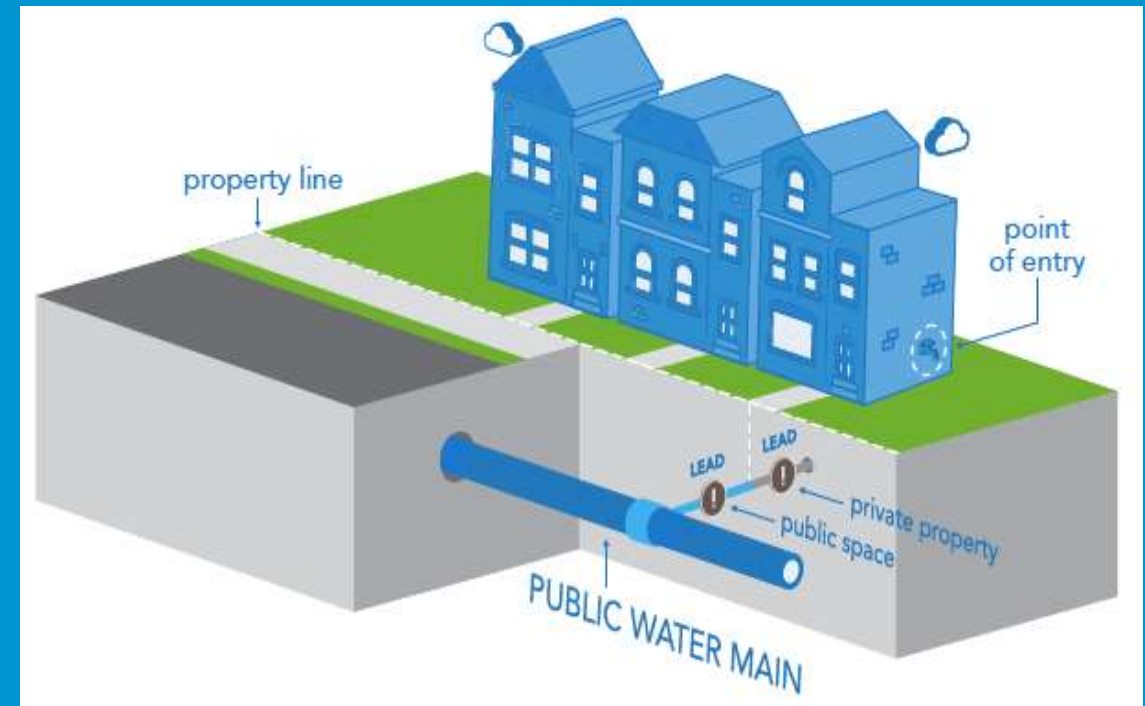
**CHILDREN**

- Brain**  
Behavior problems, lower IQ, hearing loss, learning disabilities
- Body**  
Decreased bone and muscle growth
- Blood**  
Anemia
- Nervous System**  
Damage
- Kidneys**  
Abnormal function and damage



# Understanding Service Lines (or Pipes)

- Homeowner owns the entire service line
- DC Water is responsible for maintaining the portion of the service line in public space
- Ratepayer funds pay for public-side service line replacement and water main work
- Homeowners must complete a Right of Entry Authorization to provide consent for DC Water to replace their service line
- Separate (non-ratepayer) funds are needed to pay for private-side service line replacement per D.C. Law 22-241.





# Lead and Galvanized Iron Pipes

## Lead Pipe

- Typical white oxidation
- Side wall thickness approximately  $\frac{1}{4}$  thick
- Round bulbous cast in place joints



## Galvanized Iron Pipe

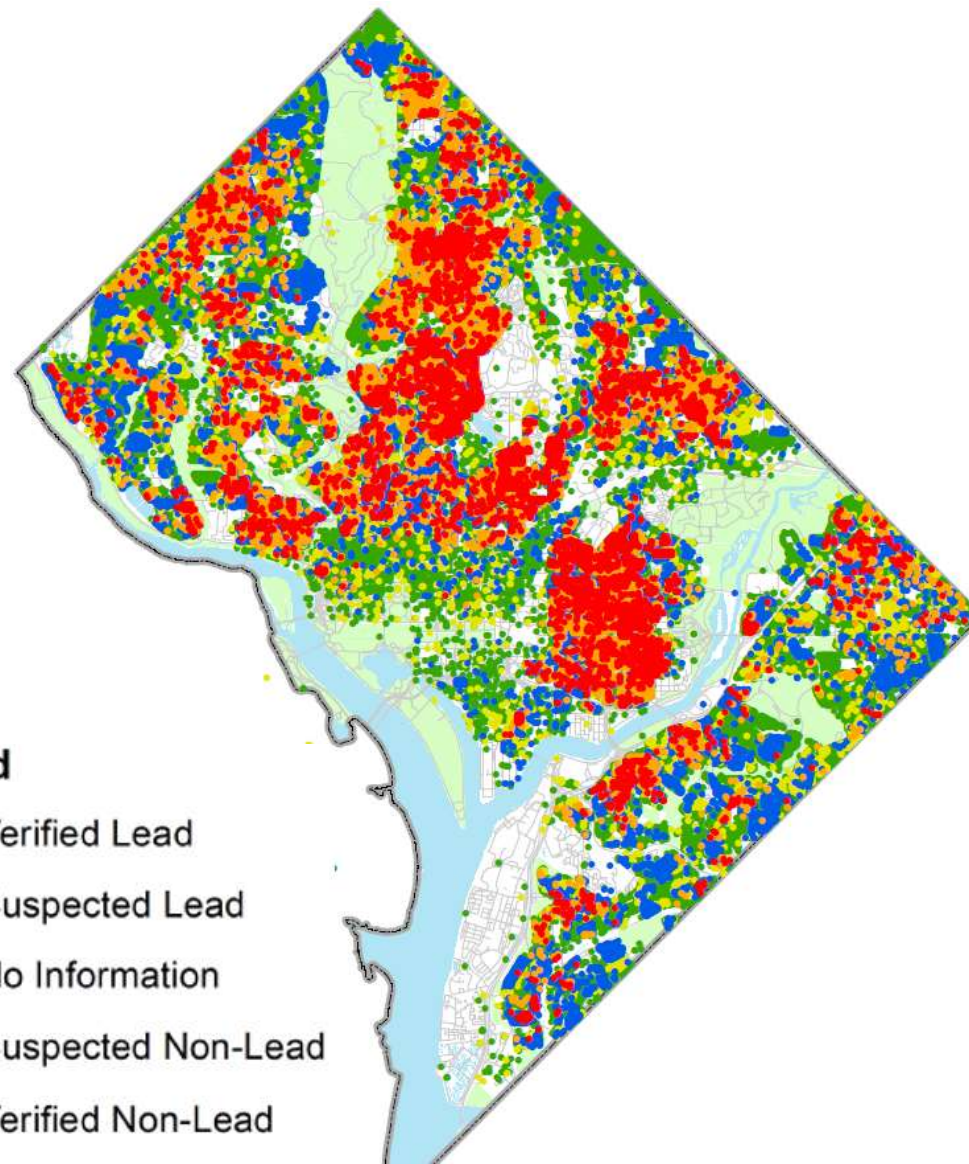
- Risk of lead in water from corroded pipes
- Galvanized iron pipe can accumulate lead that is released from lead service lines





# Inventory Map

- The inventory map helps homeowner's identify what DC Water's records say about service line materials
- If the pipe materials are recorded as verified lead, suspected lead, suspected non lead or no information, it will be confirmed in field
- Updated inventory map:
- <https://geo.dcwater.com/Lead>



## Legend

- Verified Lead
- Suspected Lead
- No Information
- Suspected Non-Lead
- Verified Non-Lead



# Construction Dashboard

- Construction Dashboard provides information about pipe materials and the program schedule
- Customers can find out when the free replacement program is scheduled for their area
- Construction dashboard:
  - <https://www.dwater.com/lead-free-dc-construction-dashboard>



**DC WATER Lead Free DC Lead Service Replacements (LSR) Construction Dashboard**

**You must first select an address to see the results**

**Block Construction Status**

- LSR Project Completed on Block
- LSR Project in Progress on Block
- LSR Project Pending on Block
- Contact DCW for Lead-Removal Options
- No Lead Services Present on Block

**Contractor Info:**

Contractor	Construction Start Date	Construction End Date	Contractor E-mail	Contractor Phone

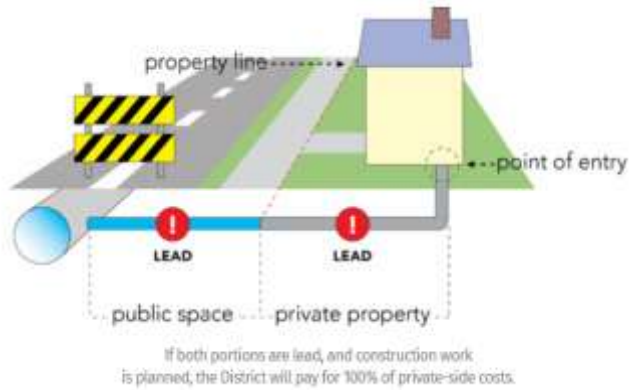
**Disclaimer**  
Construction Dashboard displays the LFDC Construction Status for the entire block. Individual construction status for premises may vary. Construction Dashboard only displays premises eligible for the Lead Free DC Program. For additional information call 202-787-4044 or email [lead@dcwater.com](mailto:lead@dcwater.com).

Prepared by LFG Version Number 1.0 Program Information as of 6/29/2023 4:15:47 PM



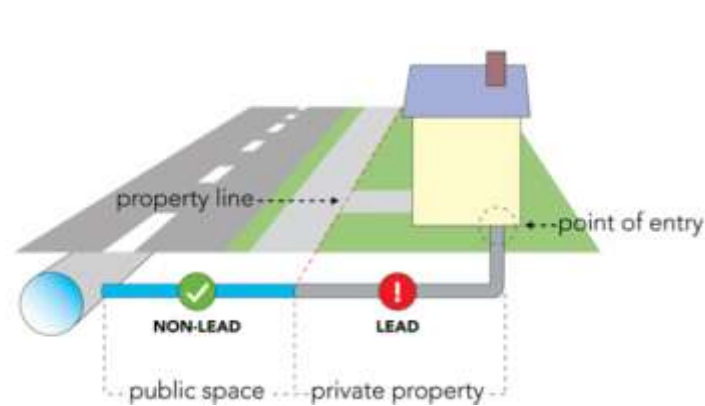
# Lead Service Line Replacement Programs

## Capital Improvement Project and Emergency Repair Replacement (CIPERR)



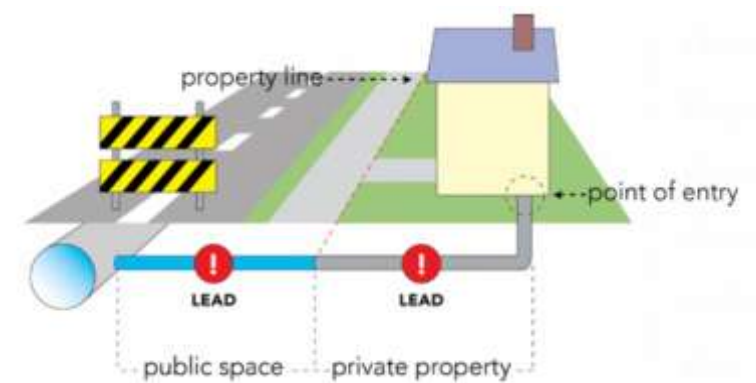
- Free replacements during Capital Improvement Projects for Water main replacements
- Dedicated lead service line contracts
- Free replacements during emergency projects

## Lead Pipe Replacement Assistance Program (LPRAP)



- Only the portion of the water service line on private property is lead (the public portion is non-lead).
- The District of Columbia will pay for discounted replacements. Each Homeowner can receive a 100% discount, regardless of income or household size.

## Voluntary Full Replacement Program (VFRP)



- Both the public and private portions of the water service line are lead and NO capital improvement projects are planned for the neighborhood
- DC Water will pay for all work in public space and coordinate work so both portions are replaced at the same time.
- The Homeowner pays for work on private property.



# By-Block Service Line Replacements

## FREE Lead Pipe Replacement

- Blocks chosen based on a prioritization model
- Lead or galvanized pipes will be replaced with new copper lines
- District funding covers all private-side replacement costs - this is FREE for homeowners
- Restoration in-kind for most cases (e.g. tree protection, sod, hardscape repair, simple drywall)
- Homeowner (or designee) must be home and give access to home
- Homeowner must sign and submit Authorization Form for DCW to provide free replacement





# ANC 4B LFDC Status

## LFDC By-Block Program

- 37 Blocks Selected FY 2025 in ANC 4B
  - 361 Premises
  - 21.9 % ROE authorizations signed
  - Anticipated Construction Period
    - November 2024 – May 2027
- 41 Blocks in Construction Phase
- DC Water must have resident's permission to replace the service line on their property





# ANC 4B Blocks

- UNIT BL UNDERWOOD PL NW
- 6900 BL 5TH ST NW
- 6400 BL NORTH CAPITOL ST BN
- 500 BL ASPEN ST NW
- 6900 BL 8TH ST NW
- 7300 BL BLAIR RD NW
- 7100 BL 8TH ST NW
- 5400 BL NEW HAMP AV NW
- 6500 BL 7TH ST NW
- 800 BL BUTTERNUT ST NW
- 6100 BL 4TH ST NW
- 6800 BL 8TH ST NW
- 600 BL DAHLIA ST NW
- 6000 BL 4TH ST NW
- 400 BL MISSOURI AVE NW
- 6400 BL PINEY BRANCH RD NW
- 6100 BL 9TH ST NW
- 5500 BL NEW HAMP AVE NW
- 6500 BL 1ST ST NW
- 6800 BL PINEY BRANCH RD NW
- 900 BL BUTTERNUT ST NW
- 800 BL VAN BUREN ST NW
- 800 BL DAHLIA ST NW
- 400 BL MADISON ST NE
- 5700 BL 5TH ST NW
- 5600 BL 1ST ST NW
- 5500 BL KANSAS AVE NW
- 700 BL BUTTERNUT ST NW
- UNIT BL MADISON ST NE
- 600 BL ASPEN ST NW
- 700 BL SHERIDAN ST NW
- 7100 BL PINEY BRANCH RD NW
- 7800 BL GEORGIA AVE NW
- 6800 BL 9TH ST NW
- 200 BL VAN BUREN ST NW
- 700 BL RITTENHOUSE ST NW
- 6000 BL NORTH DAKOTA AVE NW



# Lead Free DC Needs Your Help



Questions or need assistance? Contact:  
(202) 787-4044 or [lead@dcwater.com](mailto:lead@dcwater.com)

David L. Gadis, Chief Executive Officer

DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY | 1385 CANAL STREET, SE | WASHINGTON, DC 20003

## RIGHT OF ENTRY AUTHORIZATION TO REPLACE WATER PIPE ON MY PROPERTY FOR FREE

Please complete all required fields or the Authorization Form will not be accepted.

Lead in water from lead or lead containing water pipes can be harmful to you and your family and/or residents. DC Water wants to replace lead water pipes because it is a step in lowering your and your family's and/or resident(s) risks of lead exposure, but we need your consent. This Right of Entry Authorization means you agree to allow DC Water and our Contractor to enter your private property to replace your lead water pipes with new copper water pipes for **Free, at No Cost to you**. This Authorization also means you agree to tell DC Water about any **hidden hazards** you know about on your private property that could prevent them from doing the work or harm the people replacing your pipes. **Please Note:** We also recommend you work with a licensed plumber to identify any other sources of lead pipes inside your building and consider removing them as well.

### This is what DC Water's Contractor will do (See attached diagram):

1. Turn off the water service to your building for about eight (8) hours;
2. Dig down near the District water main, meter, and at property line and remove/abandon your lead water pipe from the water main in the street, through your building wall or floor, to the pipe connection in your building;
3. Install a new **copper water pipe** from the District water main in street to your building, through the wall where the pipe comes in and connected to the water pipe in your building; and
4. Turn on water, fill holes made, restore area, and flush water from the outside hose connection, if possible.

### This is what you should expect:

1. **Contractor will replace the lead water pipe with a copper water pipe at your private property at No Cost to you.** The workers will enter your private property and your building to do the replacement. They will first dig a hole to confirm the material of the water pipe near the property line. Once confirmed, they will follow the steps above, likely on a separate day. They will take photos and video before, during, and after installation.
2. **Contractor will try to leave your private property as close to how it was found or better.** Contractor may need to remove drywall, tiles, walls, fences, shrubs, sidewalks, driveways, stones, sod, flowers, plants or other permanent things on your property. Contractor will clean the interior work areas and do temporary and permanent restoration, that may include, if impacted: installing access panel(s); repairing sheet rock, drywall; spackling; prime and finish painting to match the original color; and resetting and replacing existing tile and cabinetry. The Contractor will clean the exterior work areas and do temporary and permanent restoration, that may include, if impacted: replacing brick, concrete, granite or asphalt curbs, sidewalk, pavement, driveway and retaining wall areas and overlay; and seeding, sodding, and plant replacement. The permanent restoration work will be scheduled at a different time. Contractor will try to avoid trees, shrubs, living plant(s) when possible, but are not responsible for any harm to grass, plants, etc. during the replacement process. DC Water and the Contractors cannot and will not help you move items on your property.
3. **DC Water may not perform this work if:** (1) there are **hidden hazards** that prevent the workers from replacing the pipe; (2) someone else owns the property and the owner **does not agree** to sign this Authorization; (3) You or an authorized person **do not allow** the Contractor to enter your property on the scheduled date; or (4) You or an authorized person are **not home** at the scheduled date and time and fail to reschedule the work.
4. **DC Water will provide a water pitcher that lasts 6 months to you or residents of your property to use after the replacement and instructions for you to follow for flushing your faucets to remove any lead particles.**

[dcwater.com](http://dcwater.com)

DC Water must have a resident's permission to replace the service line on their private property. Here's how you can help:

- Encourage homeowners to sign and return Right of Entry Authorization.
- Be on the look out for our door-to-door canvassers, who can talk to homeowners about Lead Free DC.
- Encourage residents in your community to visit [dcwater.com/lead](http://dcwater.com/lead) for more information
- Spread the word! This is a citywide effort.





# Call to Action

## What We Need

## How You Can Help

Introduce Us to Your Neighbors

Host a chat with the Lead Free DC team for your block or a smaller group

Action in Motion

Schedule time with us to walk your neighborhood. Lead Free DC program introduction to those less connected

"Neighbor Spotlight"

Give a testimonial about your replacement experience

Host a "Knowledge is Power" session

Spend time with neighbors answering all the frequently asked questions about the Lead Free DC program

"Videos Say It All"

Host a session for Lead Free DC to highlight informational videos and demos on the lead service line replacement and restoration process



# Program Resources

[dcwater.com/lead](https://dcwater.com/lead)

Inventory Map:

[dcwater.com/leadmap](https://dcwater.com/leadmap)

Construction Dashboard:

[dcwater.com/construction-dashboard](https://dcwater.com/construction-dashboard)

Service Line Materials Data Dashboard:

[dcwater.com/service-line-materials-dashboard](https://dcwater.com/service-line-materials-dashboard)

Historical Replacement Data (2012-2024):

[dcwater.com/historical-lslr-replacement-data](https://dcwater.com/historical-lslr-replacement-data)

Health effects of lead in drinking water:

[dcwater.com/health-effects-exposure-lead-drinking-water](https://dcwater.com/health-effects-exposure-lead-drinking-water)

Information about testing your water for lead:

- Request form: [leadtesting.dewater.com/](https://leadtesting.dewater.com/)
- Email for questions: [leadtest@dcwater.com](mailto:leadtest@dcwater.com)

Program FAQs:

[dcwater.com/LeadFAQs](https://dcwater.com/LeadFAQs)



# Ways to Engage Lead Free DC

2025 Lead Free DC - ANC  
Presentation Feedback



1. Reach out to [lead@dcwater.com](mailto:lead@dcwater.com), call our lead hotline **(202) 787-4044**, or check [dcwater.com/leadmap](https://dcwater.com/leadmap) to determine if you have a lead pipe and how to replace it
2. Request presentations for your ANC, organization or community by reaching out to Sean Moore [sean.moore@dcwater.com](mailto:sean.moore@dcwater.com), or call **202-787-4049**



Q&A